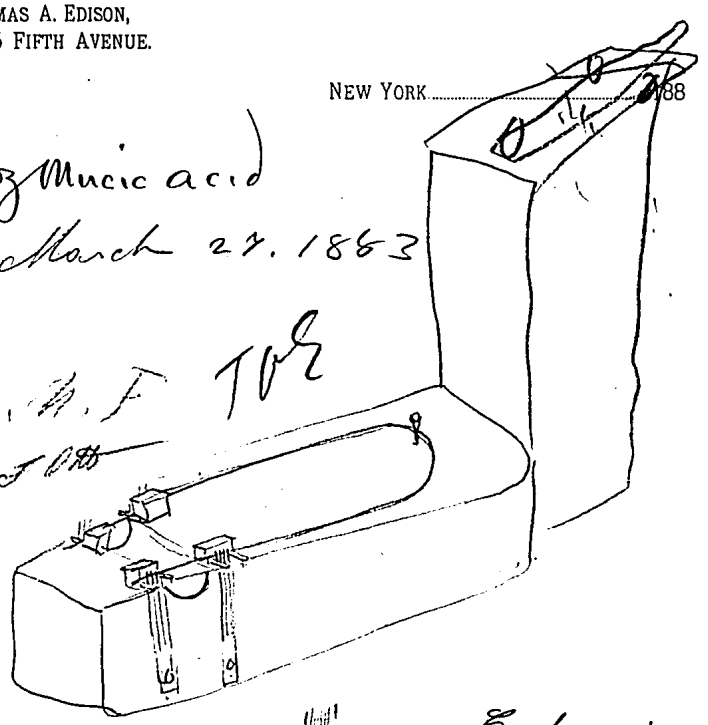
UNBOUND NOTES AND DRAWINGS

1883

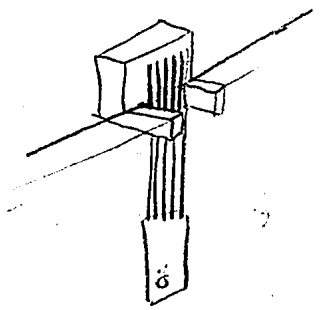
THOMAS A. EDISON,
NO. 65 FIFTH AVENUE.

NEW YORK..... 188

1 oz Mucic acid
March 27. 1863

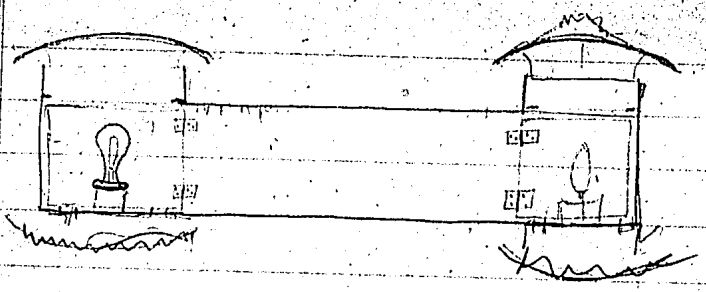


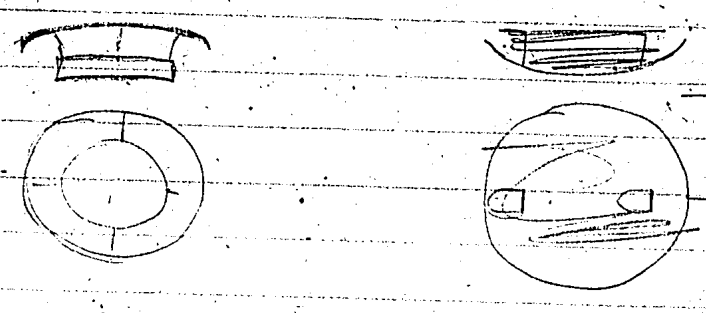
Carbonizing or
Hydrocarbon deposit

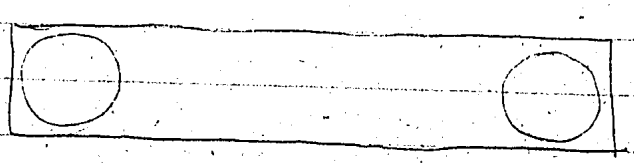


28 MAR 1883 29 MAR 1883

Mill Photo Tests 1883-03-29

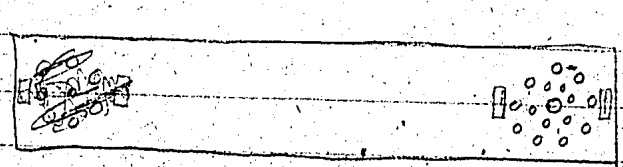






Top

3½
41.14

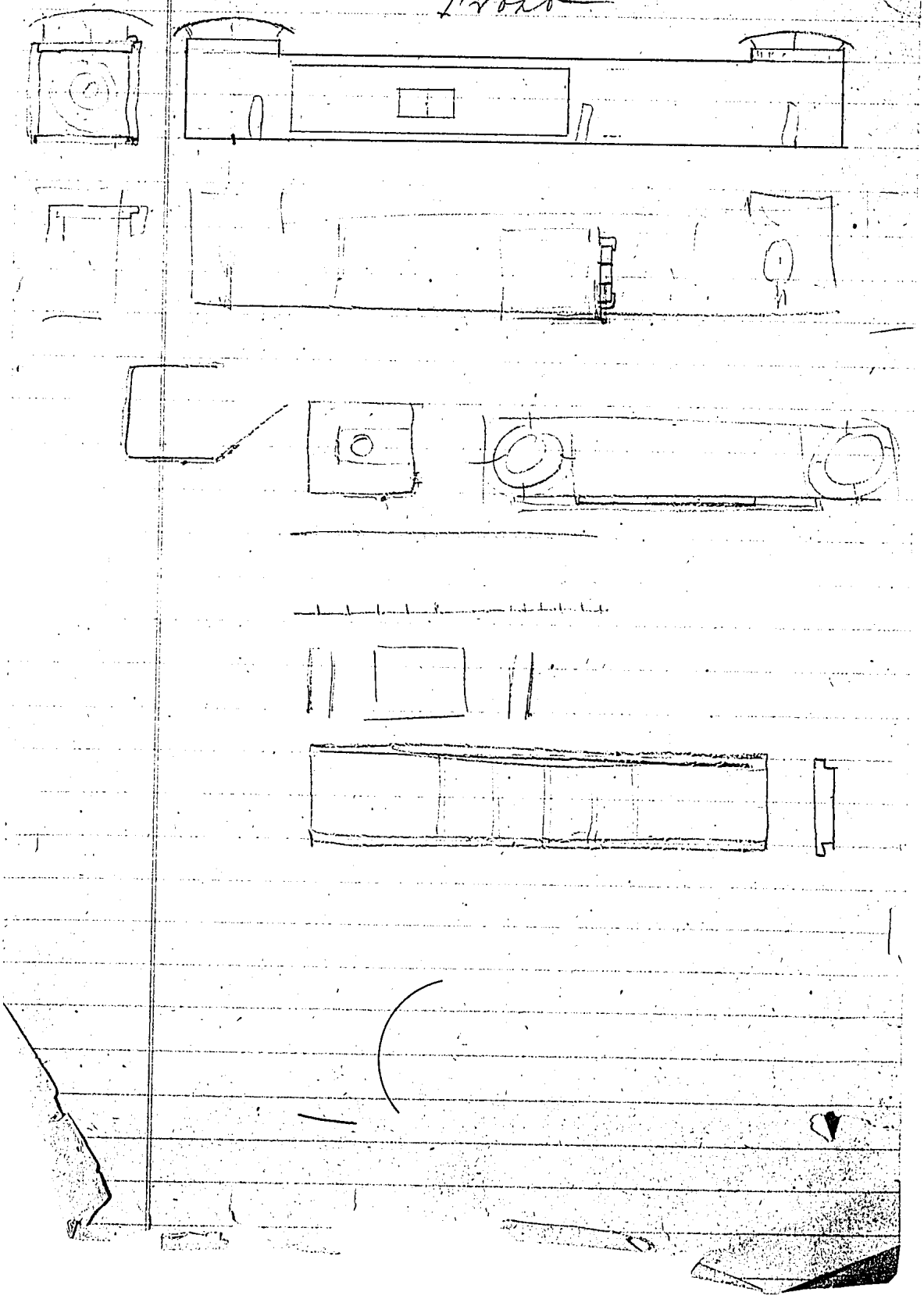


bottom

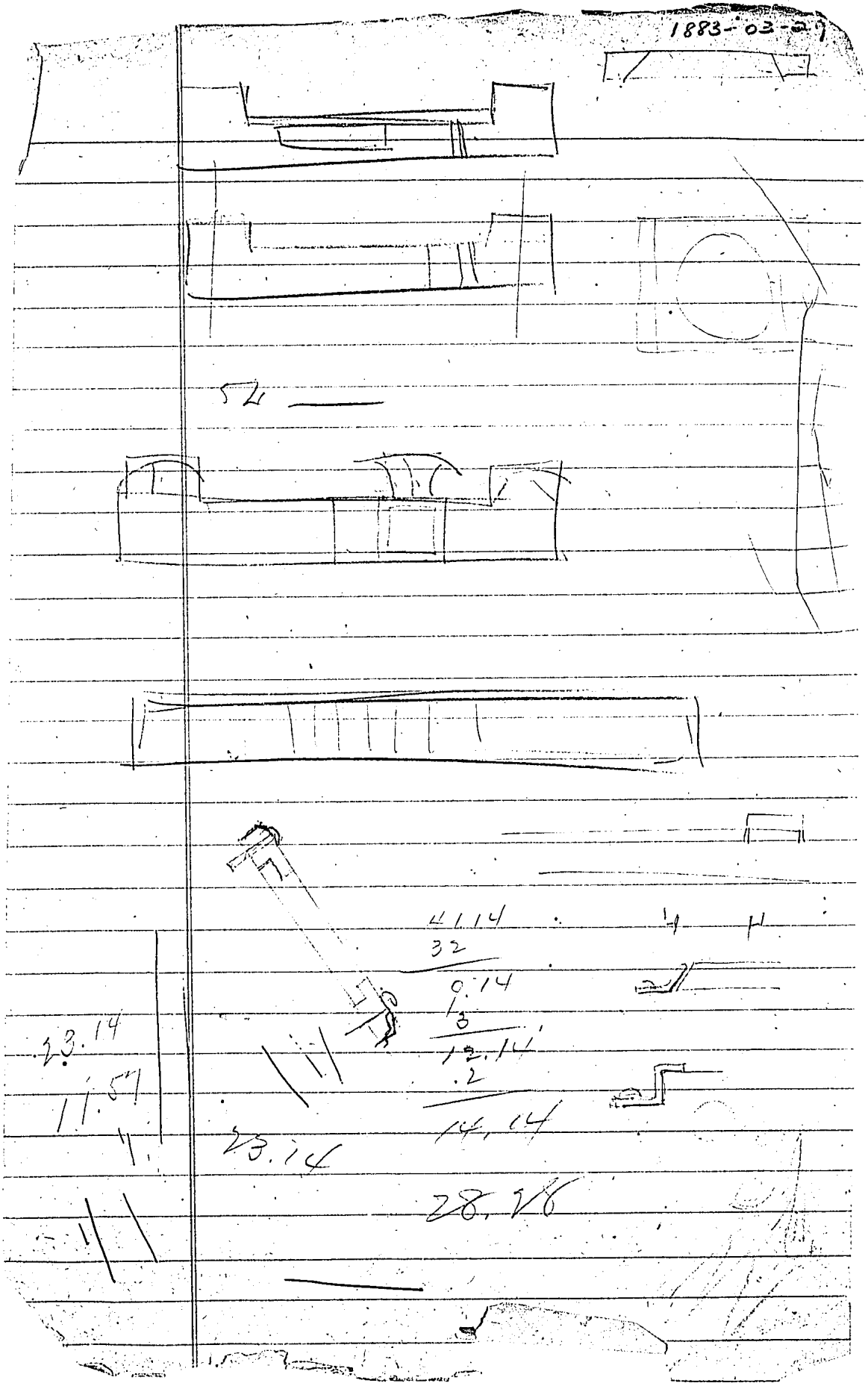
34.08

1883-03-29

Front



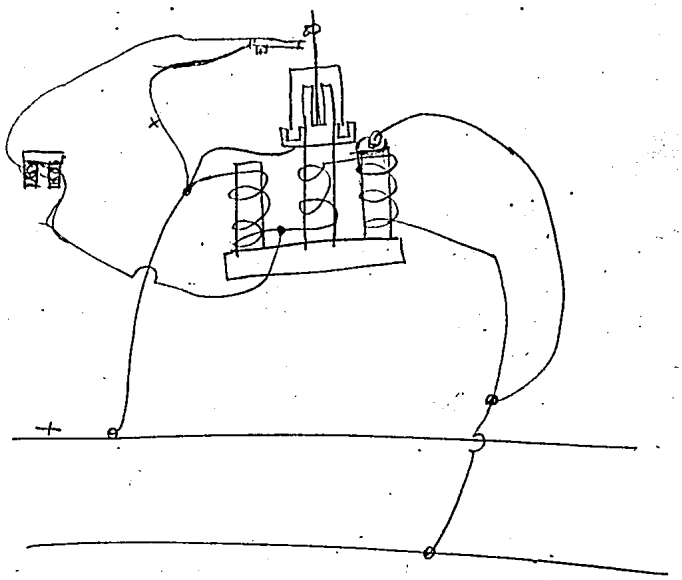
1883-03-29



Meter

May 17, 1883

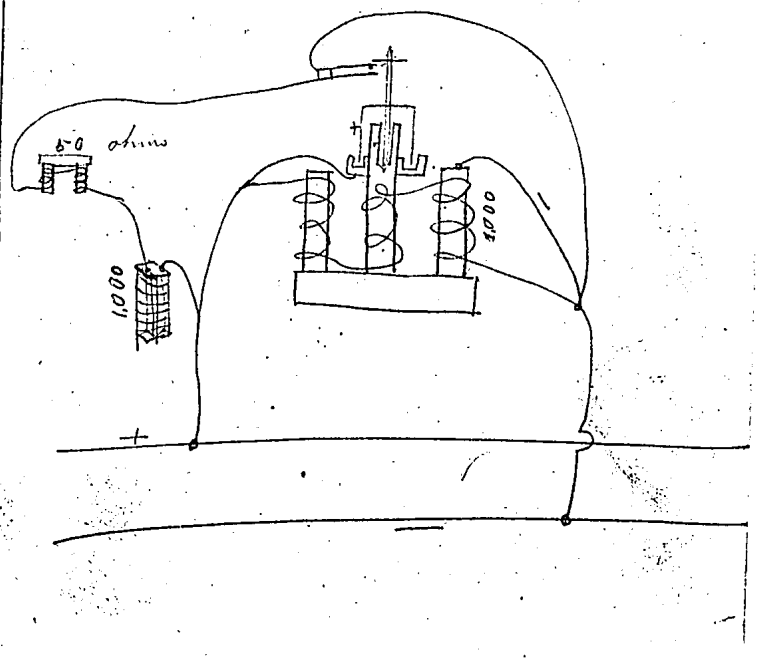
J. F. O.



May 17, 1883

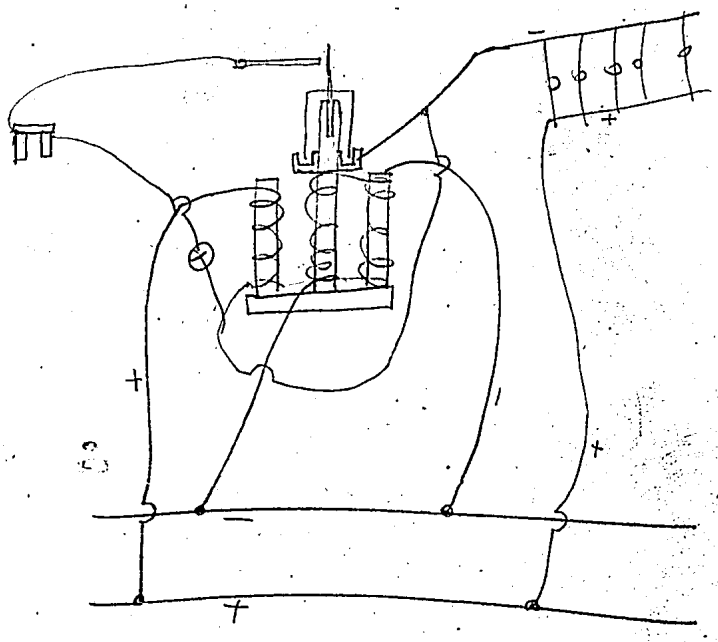
J. F. O

Meter



Notes May 17, 1883

J. F. O.



Notes on Dynamos.

Class	Section of Coil & Poles	No. of Lamps A	No. of Lamps B	Dia. of Armature	Effective Length of Armature	Out side Diameter	No. Inches of Wire on Surface	No. of Divisions	Gauge of Resistance of Armature in Ohms	Average Revs per Minute	Average Prod. Speed per Min.	Size of Wire Bare	Size of Wire Covered	No. of Loops	Coils per Loop	Ft. of Wire per Loop
Volts 110		15							50					4	2	3528
M				4¾	7"	5"	125"	54		2200	2880	.042	.051"			
55			30						01					4	4	1050
110		60							14					2	6	10554
L				8¾	11	10"	345"	54		2200	3140	.042	051"			
55		—	120	— —	— —	— —	— —	— —	.038	— —	— —	— —	— —	— 1 —	— 12 —	21168
110		150	—	— —	— —	— —	— —	— —	.068	— —	— —	— —	— —	— 2 —	— 6 —	25350
D		—	—	9 11/16"	22"	10½"	726"	54	— —	850	2340	065	095"	— —	— —	— —
55			300						01"					1	12	50700
110		250						64	032					1	10	42250
K				9¾	30"	10½"	900"			900	2560	065	095"			
55		—	300	— —	— —	— —	— —	32	009	— —	— —	— —	— —	— 1 —	20 —	84300
110		350		— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —
H				9¾	30½"	10½"	1000"	54	021	1200	3300	065	095	— 1 —	12	50700

May 27 1893

The Edison Electric Light Co. N.Y.

Common writing Ink
July. 13. 1883.
J. F. Ott

THOMAS A. EDISON,
No. 65 FIFTH AVENUE.

Common writing Ink
July. 13. 1883.
J. F. Ott

CABLE ADDRESS—EDISON

This mark was made with cotton on drum
July 18. 1883
J. F. Ott

This mark was made with this paper laying direct on metalic drum used no Chemicals
July 18. 1883
J. F. Ott

Exotic Lodo on felt
slightly moist
July 18. 83
J. F. Ott

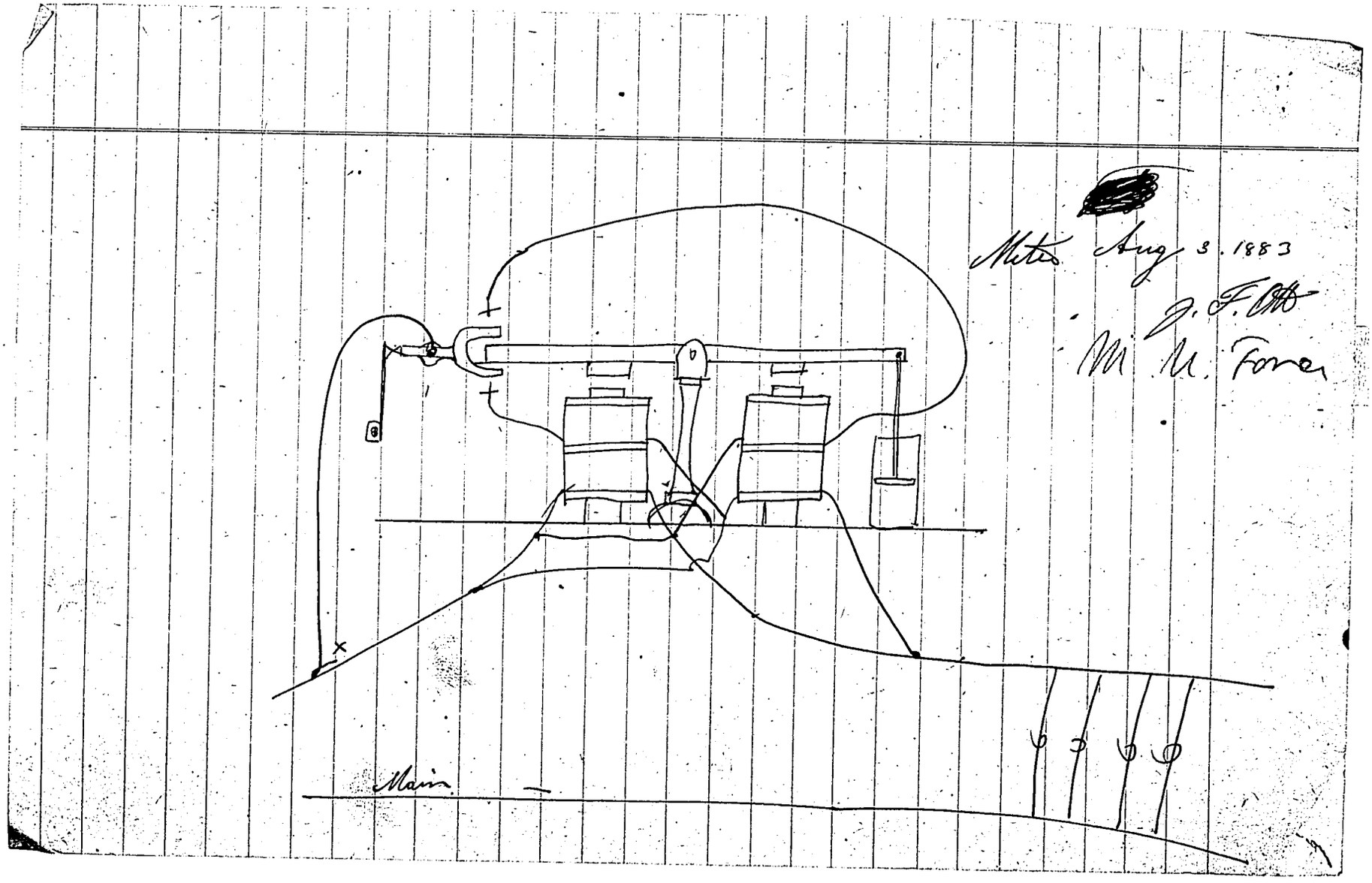
Best of all
This mark was made with cotton on drum and slightly moistened with Exotic Lodo makes plain and straight line
July 18 1883
J. F. Ott

This mark was made with this paper laying direct on metalic drum used no Chemicals
July 18, 1883
J. F. Ott
this mark is not so straight as with the yellow paper I suppose it has lower resistance

cloth on drum moistened with Ink

THOMAS A. EDISON,
No. 65 FIFTH AVENUE.

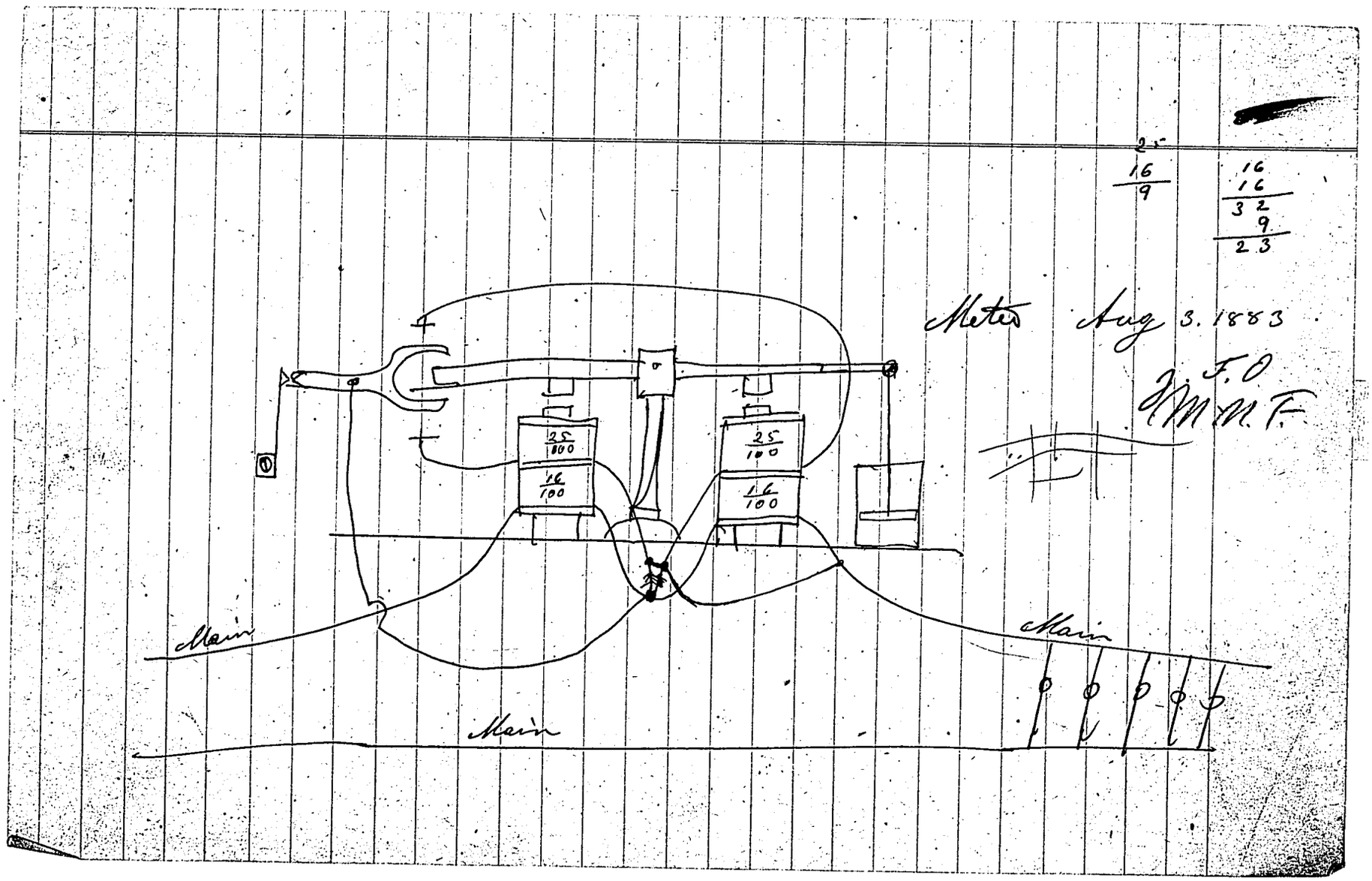
NEW YORK.



Mitis Aug 3. 1883

J. F. Otto

M. M. Foran



2.
16/9

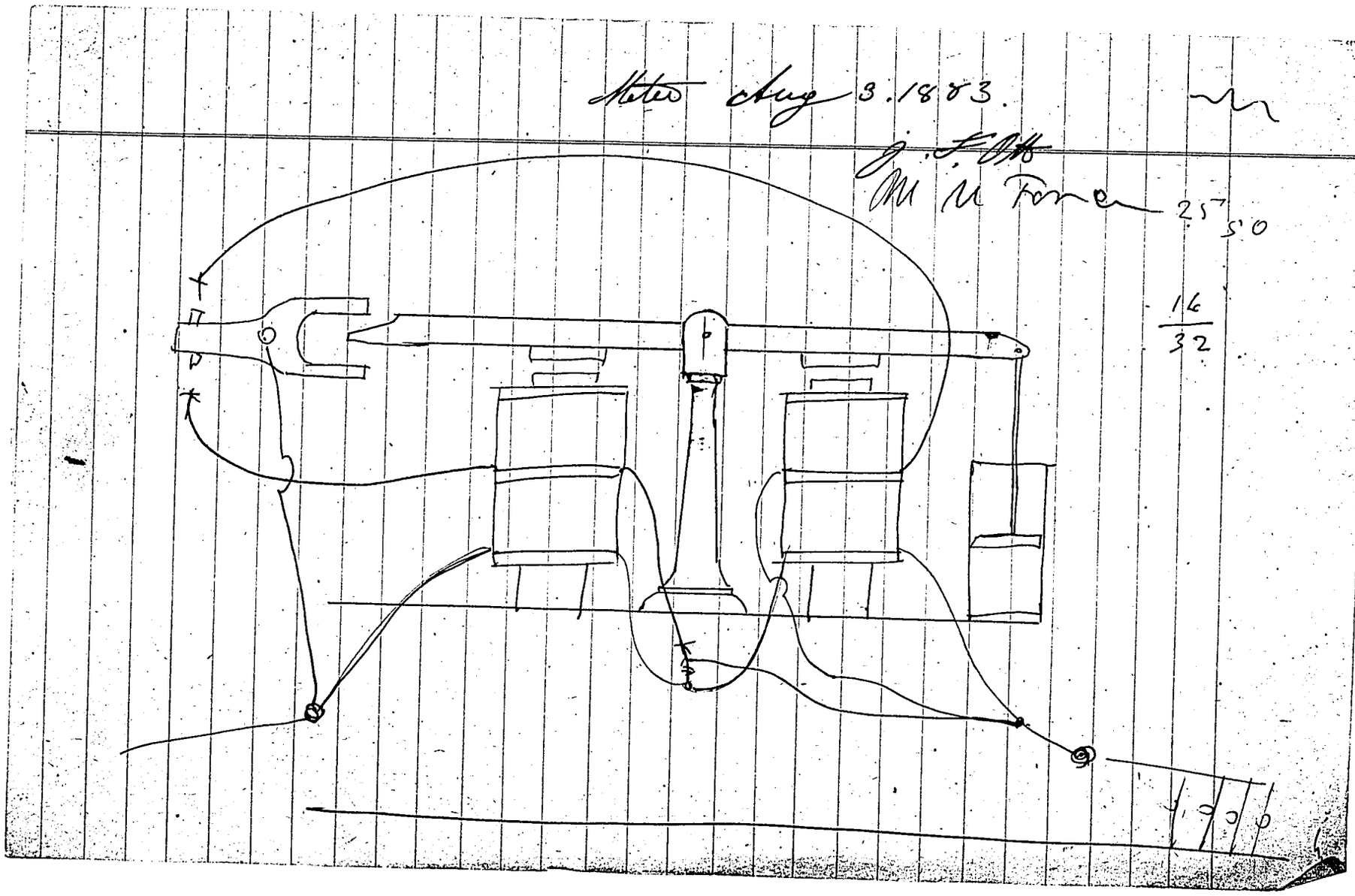
16
16
32
9
23

Meter Aug 3. 1883

J. F. O

J. M. F.

Patented Aug 3. 1883.



Lampe	Zeit	Rev	Diff
30	1 minut	29	> 4
25	1	25	> 4 ½
20	1	20 ½	> 5
15	1	15 ½	> 5 ½
10	1	10	> 5
5	1	5	> 1 ⅓
4	1	3 ⅔	> 1
3	1	2 ⅔	> 1 ¼
2	1	1 ½	
1	1	Sticks	
1	1	Sticks	
2	1	1 ½	>
3	1	2 ⅓	
4	1	3 ⅔	
5	1	4 ¾	
10	1	10 ½	
15	1	16	
20	1	22	
25	1	27 ½	
30	1	33	

Aug 8. 1883

J. F. Allen

M. A. Farmer